1   TRANSFERRING INTERRUPTS FROM A PERIPHERAL DEVICE TO A HOST

2   COMPUTER SYSTEM

3   <u>ABSTRACT</u>

4   Methods, systems and apparatus for transferring interrupts from a peripheral device to a

5   host computer system is described. In an example embodiment, an apparatus comprises a

6   buffer for storing indications of interrupts generated by the peripheral device. In response

7   to a preset condition being met, a controller generates a control data block having a

8   payload portion, moves the contents of the buffer to the payload portion of the control

9   data block, and sends the control data block to the host computer system.